

SPECIFICATION AMENDMENTS

Please rewrite the paragraph running from line 16 to line 21 of page 6 as follows:

By carrying out the complex product of the received symbol $Z(k)$ by the corresponding pilot symbol $X_Q(k)$ one obtains the channel coefficients, in particular the in phase and quadrature components of the product correspond to the components $C_0 \pm [[e]] C_I$ of the channel coefficients $C(k) = C_I(k) + jC_Q(k)$.

SPECIFICATION AMENDMENTS ctd.

Please rewrite the paragraph running from line 14 to line 22 of page 7 as follows:

The interpolation method and device implemented according to the present invention allow computation of the components $C_i(k) \pm [[e]] C_0(k)$ of the channel coefficients without using complex operations such as multiplication and division, but only utilizing additions and divisions by two (the latter ones of easy implementation in hardware through a shift operation on the right side of a register) allowing a considerable reduction in the hardware architecture complexity of the interpolation unit.